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| Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 07977/015003/US2954/2957D2 | Application No. |
| | Applicant Yamazaki, et al. | | |
| | Filing Date Herewith - 3/2/2000 | Group Art Unit | |

 JCS25 U.S. PTO
09/517354


U.S. Patent Documents


| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|---------------|------------|----------------|-------|----------|----------------------------|
| R | AA | 5,341,012 | 8/23/94 | Misawa, et al. | — | — | |
| | AB | 5,576,868 | 11/19/96 | S. Togashi | — | — | |
| | AC | 5,576,869 | 11/19/96 | H. Yoshida | — | — | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

Foreign Patent Documents or Published Foreign Patent Applications

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
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| | AQ | |
| | AR | |
| | AS | |
| | AT | |

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| Examiner Signature  | Date Considered 12/15/00 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

SUBSTITUTE FORM PTO-1449
(MODIFIED)

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
07977/015002

APPLICANT:
Yamazaki, et al.

FILING DATE
4/20/98

SERIAL NO.
09/062,873

GROUP
2871

Sheet 1 of 1

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | | | | | | | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|---------------|---|---|---|---|---|---|---------------|------------------|-------|----------|-------------------------------|
| | AA | 5 | 7 | 8 | 6 | 2 | 4 | 2 | 7/28/98 | Takemura, et al. | 438 | 166 | |
| | AB | 5 | 8 | 2 | 1 | 1 | 3 | 8 | 10/13/98 | Yamazaki, et al. | 438 | 166 | |
| | AC | | | | | | | | | | | | |
| | AD | | | | | | | | | | | | |
| | AE | | | | | | | | | | | | |
| | AF | | | | | | | | | | | | |
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| | AJ | | | | | | | | | | | | |
| | AK | | | | | | | | | | | | |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|---------------------|-----------------------------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
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| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

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| | AQ | |
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| | AS | |

EXAMINER

DATE CONSIDERED

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SUBSTITUTE FORM PTO-1449
(MODIFIED)DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET
07977/015002SERIAL NO.
09/062,873INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT:
Yamazaki, et al.FILING DATE
April 20, 1998

GROUP ART UNIT

(37 CFR 1.98(b))

JCS25 U.S. PTO
09/11354

03/02/00

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | | | | | | | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|---|---------------|---|---|---|---|---|--|---------------|--------------|-------|----------|-------------------------------|
| AA | 5 | 2 | 6 | 1 | 1 | 5 | 6 | | 11/16/93 | Mase, et al. | 29 | 832 | |
| AB | | | | | | | | | | | | | |
| AC | | | | | | | | | | | | | |
| AD | | | | | | | | | | | | | |
| AE | | | | | | | | | | | | | |
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| AI | | | | | | | | | | | | | |
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| AK | | | | | | | | | | | | | |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|----|--|-----------------|---------------------|-----------------------------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| AL | | | | | | | | |
| AM | | | | | | | | |
| AN | | | | | | | | |
| AO | | | | | | | | |
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OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

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| AQ | |
| AR | |
| AS | |

EXAMINER


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|--|--|---|-------------------------------|
| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 07977/015003/US2954/2957D1D1 | Application No. 09/517,354 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Yamazaki, et al. | |
| | | Filing Date March 2, 2000 | Group Art Unit 2871 |

U.S. Patent Documents

| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|---------------|------------|------------------|-------|----------|----------------------------|
| 11 | AA | 4,643,526 | 2/17/87 | Watanabe, et al. | 11 | 1 | |
| | AB | 5,200,847 | 4/6/93 | Mawatari, et al. | 11 | 1 | |
| | AC | 5,261,156 | 11/16/93 | Mase, et al. | 11 | 1 | |
| | AD | 5,339,180 | 8/16/94 | Katoh | 11 | 1 | |
| | AE | 5,341,012 | 8/23/94 | Misawa, et al. | 11 | 1 | |
| | AF | 5,376,561 | 12/29/94 | Vu | 11 | 1 | |
| | AG | 5,436,744 | 7/25/95 | Arledge | 11 | 1 | |
| | AH | 5,569,610 | 10/29/96 | Zhang, et al. | 11 | 1 | |
| | AI | 5,572,046 | 11/5/96 | Takemura | 11 | 1 | |
| | AJ | 5,576,231 | 11/19/96 | Konuma, et al. | 11 | 1 | |
| | AK | 5,576,868 | 11/19/96 | S. Togashi | 11 | 1 | |
| | AL | 5,576,869 | 11/19/96 | H. Yoshida | 11 | 1 | |
| | AM | 5,596,023 | 1/21/97 | Tsubota | 11 | 1 | |
| | AN | 5,614,733 | 3/25/97 | Zhang, et al. | 11 | 1 | |
| | AO | 5,619,045 | 4/8/97 | Konuma, et al. | 11 | 1 | |
| | AP | 5,646,432 | 7/8/97 | Iwaki, et al. | 11 | 1 | |
| | AQ | 5,654,811 | 8/5/97 | Spitzer, et al. | 11 | 1 | |
| | AR | 5,672,518 | 9/30/97 | Hayashi, et al. | 11 | 1 | |
| | AS | 5,672,900 | 9/30/97 | Konuma, et al. | 11 | 1 | |
| | AT | 5,701,167 | 12/23/97 | Yamazaki | 11 | 1 | |
| | AU | 5,747,355 | 5/5/98 | Konuma, et al. | 11 | 1 | |
| | AV | 5,757,456 | 5/26/98 | Yamazaki, et al. | 11 | 1 | |
| | AW | 5,759,878 | 6/2/98 | Hayashi, et al. | 11 | 1 | |
| | AX | 5,766,977 | 6/16/98 | S. Yamazaki | 11 | 1 | |
| | AY | 5,781,164 | 7/14/98 | Jacobsen, et al. | 11 | 1 | |
| ✓ | AZ | 5,783,468 | 7/21/98 | Zhang, et al. | 11 | 1 | |

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| Examiner Signature  | Date Considered 12/15/00 |
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| Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) JUN 30 2000 PATENT & TRADEMARK OFFICE (\$7.00 FEE \$1.00 OFFICE) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 07977/015003/US2954/2957D1D1 | Application No. 09/517,354 |
| | | Applicant Yamazaki, et al. | |
| | | Filing Date March 2, 2000 | Group Art Unit 2871 |

U.S. Patent Documents

| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|---------------|------------|------------------|-------|----------|----------------------------|
| I | AAA | 5,786,242 | 7/28/98 | Takemura, et al. | 9 | — | |
| | ABB | 5,821,138 | 10/13/98 | Yamazaki, et al. | — | — | |
| | ACC | 5,834,327 | 11/10/98 | Yamazaki, et al. | — | — | |
| | ADD | 5,879,977 | 3/9/99 | Zhang, et al. | — | — | |


Foreign Patent Documents or Published Foreign Patent Applications

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|---------------|----|
| | | | | | | | Yes | No |
| I | AEE | WO 92/12453 | 7/23/92 | PCT | — | — | X | |
| | AFF | 05-066413 | 3/19/93 | Japan | — | — | X | |
| | AGG | 05-267667 | 10/15/93 | Japan | — | — | Abstract only | |
| | AHH | 06-224104 | 9/2/94 | Japan | — | — | Abstract only | |
| | AII | 06-318701 | 11/15/94 | Japan | — | — | Abstract only | |
| V | AJJ | 06-338612 | 12/6/94 | Japan | — | — | Abstract only | |

Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
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